

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	24	GRIESHABER-W GRIESHABER-WOLFGANG	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/06 23:31
S2	25	LEDRU-R LEDRU-ROGER	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/06 23:09
S3	14	200/501.ccls. and 200/400.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/06 23:32
S4	12	200/501.ccls. and "218"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/06 23:34
S5	69	200/501.ccls. and gears	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/06 23:34
S6	1	200/501.ccls. and intermesh\$3 with gears	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/06 23:35
S7	163	200/501.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/06 23:39
S9	50	("5435790" "4426895" "4262546" "4290515" "4440268" "4453901" "4508016" "4793200" "4836053" "4848177" "4862755" "4909100" "5248283" "5327999" "5560461" "5806366" "5848806" "5967932" "6010424" "6173621" "6183230" "6612961" "6645111" "6685595" "6712186" "5282638" "6318533" "6622837" "4420069" "5388478" "4955852" "5768952" "4480499" "4573371" "4552258" "4033146" "4155237" "4125037" "4318305" "4335963" "4378163" "4383428" "4453830" "4596508" "4797060" "4838503" "5241895" "5428980" "5607037" "5913901").pn.	USPAT	OR	ON	2004/12/07 15:32

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S13	10	("5980406" "6081983" "6109364" "6117016" "6126580" "6223427" "6223427" "6520305" "6752032" "5246402" "5924928" "3675497" "5425156" "5484264" "5911797" "6508461" "5505662" "4281942" "4479568" "4491035" "4540073" "4624596" "4755104" "4756640" "4813808" "4932273" "4938084" "4944192" "5228846" "5366399" "5658087" "5667330" "5788008" "5807180" "6019584" "6183370" "3899270" "4258560" "4261668" "4347442" "4406640" "4409888" "4422366" "4477224" "4519265" "4524629" "4531036" "4533377" "4589702" "4590816").pn. and (switch or (circuit near breaker))	USPAT	OR	ON	2004/12/07 15:32
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S15	21	S12 S13 S14	USPAT	OR	ON	2004/12/07 15:39
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S17	0	(S9 S10 S11) and "200"/\$.ccls.	USPAT	OR	ON	2004/12/07 15:40

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S20	50	("4610403" "4613020" "4625846" "4628751" "4632207" "4763542" "4776228" "4786115" "4815337" "4817752" "4830159" "4846007" "4858486" "4859110" "4869353" "4877987" "4880085" "4881842" "4902905" "4926705" "4929857" "4949589" "4952195" "4967885" "4990122" "5002517" "5044212" "5176235" "5179866" "5205189" "5207768" "5230658" "5234271" "5237882" "5269194" "5269400" "5280736" "5299982" "5300848" "5348382" "5356236" "5383543" "5425437" "5435784" "5447095" "5462410" "5492417" "5499884" "5522669" "5628688").pn.	USPAT	OR	ON	2004/12/09 20:29
S21	27	(S18 S19 S20) and ("200"/\$.ccls. "218"/\$.ccls. "464"/\$.ccls.)	USPAT	OR	ON	2004/12/09 20:33
S22	27	(S18 S19 S20) and ("464"/\$.ccls.)	USPAT	OR	ON	2004/12/09 23:04

S23	35726	(S18 S19 S20) and ("464"/\$.ccls.) and circuit breaker	USPAT	OR	ON	2004/12/09 20:34
S24	0	(S18 S19 S20) and ("464"/\$.ccls.) and circuit adj breaker	USPAT	OR	ON	2004/12/09 20:34
S25	2	(S18 S19 S20) and ("464"/\$.ccls.) and switch	USPAT	OR	ON	2004/12/09 20:34
S26	23	first splined shaft	USPAT	ADJ	ON	2004/12/09 20:41
S27	31	second splined shaft	USPAT	ADJ	ON	2004/12/09 20:41
S28	14	S26 and S27	USPAT	ADJ	ON	2004/12/09 20:42
S29	9	S26 with S27	USPAT	ADJ	ON	2004/12/09 21:01
S30	15	splined shafts with adaptor\$	USPAT	ADJ	ON	2004/12/09 21:24
S31	1	splined shafts with adaptor\$ and (circuit near breaker or switch)	USPAT	ADJ	ON	2004/12/09 21:04
S32	0	splined shafts with adaptor\$ same (circuit near breaker or switch)	USPAT	ADJ	ON	2004/12/09 21:05
S33	85	464/156.ccls.	USPAT	ADJ	ON	2004/12/09 22:10
S34	2	464/185.ccls. and splined near shaft\$	USPAT	ADJ	ON	2004/12/09 22:12
S36	5	464/185.ccls. and (circuit breaker or switch)	USPAT	ADJ	ON	2004/12/09 23:07
S37	552	218/78,84,92,120,153,154.ccls. and (circuit breaker or switch)	USPAT	ADJ	ON	2004/12/09 22:52
S38	10	218/78,84,92,120,153,154.ccls. and (circuit breaker or switch) and interrupting chamber	USPAT	ADJ	ON	2004/12/09 22:53
S39	1	218/78,84,92,120,153,154.ccls. and spline\$ shaft\$	USPAT	ADJ	ON	2004/12/09 22:54
S40	0	218/78,84,92,120,153,154.ccls. and spline shafts	USPAT	ADJ	ON	2004/12/09 22:54
S41	1	"218"/\$.ccls. and spline shafts	USPAT	ADJ	ON	2004/12/09 22:56
S42	1	"218"/\$.ccls. and spline shaft	USPAT; USOCR	ADJ	ON	2004/12/09 22:57
S43	4	"218"/\$.ccls. and splined shafts	USPAT; USOCR	ADJ	ON	2004/12/09 23:00
S44	12933	splined shafts	USPAT; USOCR	ADJ	ON	2004/12/09 23:00
S45	126	splined shafts and circuit breaker	USPAT; USOCR	ADJ	ON	2004/12/09 23:01
S46	1	splined shafts and circuit breaker and 200/400,501.ccls.	USPAT; USOCR	ADJ	ON	2004/12/09 23:01
S47	43	synchronization assembly and (circuit breaker or switch)	USPAT	ADJ	ON	2004/12/09 23:08
S48	4	synchronization assembly and (circuit breaker or switch) and shaft\$ and ring	USPAT	ADJ	ON	2004/12/09 23:08

S49	5	synchronization assembly and (circuit breaker or switch) and shaft\$ and ring	US-PGPUB; USPAT	ADJ	ON	2004/12/09 23:09
S50	4	200/400.ccls. and spline and shaft	US-PGPUB; USPAT	ADJ	ON	2004/12/09 23:09

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=> d his

(FILE 'HOME' ENTERED AT 21:32:47 ON 09 DEC 2004)

INDEX 'CAOLD, CAPLUS, CASREACT, CROPU, DGENE, DPCI, EUROPATFULL,
FRANCEPAT, FRFULL, FSTA, IFIPAT, IMSPATENTS, INPADOC, JAPIO, KOREAPAT,
LITALERT, NTIS, PAPERCHEM2, PATDD, PATDPA, PATDPAFULL, PATOSDE, PATOSEP,
PATOSWO, PCTFULL, PCTGEN, PIRA, PROUSDDR, ...' ENTERED AT 21:32:55 ON 09
DEC 2004

E LEDRU ROGER/IN
SEA E2-E4

5 FILE EUROPATFULL
8 FILE FRANCEPAT
8 FILE FRFULL
5 FILE IFIPAT
0* FILE IMSPATENTS
27 FILE INPADOC
3 FILE JAPIO
6 FILE PATDPA
1 FILE PATDPAFULL
0* FILE PCTGEN
0* FILE PS
0* FILE RDISCLOSURE

L1 QUE ("LEDRU RENE"/IN OR "LEDRU ROGER"/IN OR "LEDRU ROGER 38230

E GRIESHABER WOLFGANG/IN
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4 FILE EUROPATFULL
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5 FILE FRFULL
5 FILE IFIPAT
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0* FILE PCTGEN
0* FILE PS
0* FILE RDISCLOSURE
2 FILE USPAT2

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1 FILE IFIPAT
0* FILE IMSPATENTS
4 FILE INPADOC
1 FILE JAPIO
1 FILE PATDPA
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0* FILE PS
0* FILE RDISCLOSURE

L3 QUE L1 AND L2

FILE 'EUROPATFULL, FRANCEPAT, FRFULL, IFIPAT, INPADOC, JAPIO, PATDPA'

ENTERED AT 21:36:13 ON 09 DEC 2004

L4 10 S L3

=> d 14 1,2,8,9,10

L4 ANSWER 1 OF 10 EUROPATFULL COPYRIGHT 2004 WILA on STN

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 1416507 EUROPATFULL ED 20040506 EW 200419 FS OS
TIEN Circuit breaker with a control unit and an interrupting chambre, method
for assembling the same and auxiliary member for this assembling.
TIDE Leistungsschalter mit Antriebseinrichtung und Schaltkammer,
Montageverfahren und Hilfseinrichtung zur Montage.
TIFR Disjoncteur comprenant un ensemble de commande et une chambre de
coupure, son procede d'assemblage et organe auxiliaire pour cet
assemblage.
IN **Ledru, Roger**, 44bis, rue de la Riviere,
38230 Tignieu, FR;
Grieshaber, Wolfgang, 18, rue Louis Blanc, 69006
Lyon, FR
PA Alstom, 25, Avenue Kleber, 75116 Paris, FR
SO Wila-EPZ-2004-H19-T2b
DS R AT; R BE; R BG; R CH; R CY; R CZ; R DE; R DK; R EE; R ES; R FI; R FR;
R GB; R GR; R HU; R IE; R IT; R LI; R LU; R MC; R NL; R PT; R RO; R SE;
R SI; R SK; R TR; R AL; R LT; R LV; R MK
PIT EPA1 EUROPAEISCHE PATENTANMELDUNG
PI EP 1416507 A1 20040506
OD 20040506
AI EP 2003-356168 20031029
PRAI FR 2002-213598 20021030
IC ICM H01H033-42
ICS F16D001-12

L4 ANSWER 2 OF 10 FRANCEPAT COPYRIGHT 2004 INPI on STN

AN 1042807 FRANCEPAT ED 20040507 UP 20041008
TI DISJONCTEUR COMPRENANT UN ENSEMBLE DE COMMANDE ET UNE CHAMBRE DE COUPURE,
SON PROCEDE D'ASSEMBLAGE ET ORGANE AUXILIAIRE POUR CET ASSEMBLAGE
IN **LEDRU ROGER**
44BIS RUE DE LA RIVIERE 38230 TIGNIEU (FR)
FR-38230
GRIESHABER WOLFGANG
18 RUE LOUIS BLANC 69006 LYON (FR)
FR-69006

PA Applicant: ALSTOM (Societe anonyme)
25 AV KLEBER 75116 PARIS (FR)
FR-75116
Patentee: AREVA T&D SA(Societe anonyme)
3 AV ANDRE MALRAUX LE SEXTANT 92309 LEVALLOIS PERRET CEDEX (FR)

PIT Patent
PI FR 2846779 A1 20040507 200419 Application, first publ.
AI FR 2002-13598 20021030
PRAI FR 2002-13598 20021030 *
NSR BOPI Search Report 200419 20040507
REP Examiner citations:
Patent Number Kind Relevance Indicator
FR 1383339 A Y
FR 598412 A Y
EP 0727340 A Y

IC
ICM H01H003-40
ICS H01H003-32
FA AB AG AI CT GI ICM ICS IN LS PA PI RE

L4 ANSWER 8 OF 10 INPADOC COPYRIGHT 2004 EPO on STN

LEVEL 1

AN 233114115 INPADOC ED 20040506 EW 200419 UP 20040819 UW 200434
TI Circuit breaker with a control unit and an interrupting chambre, method
for assembling the same and auxiliary member for this assembling.
Disjoncteur comprenant un ensemble de commande et une chambre de coupure,
son procede d'assemblage et organe auxiliaire pour cet assemblage.
Leistungsschalter mit Antriebseinrichtung und Schaltkammer,
Montageverfahren und Hilfseinrichtung zur Montage.
IN **LEDRU, ROGER; GRIESHABER, WOLFGANG**
INS LEDRU ROGER; GRIESHABER WOLFGANG
INA FR; FR
PA ALSTOM
PAS ALSTOM
PAA FR
TL English; French; German
LA French
DT Patent
PIT EPA1 PUBL. OF APPLICATION WITH SEARCH REPORT
PI EP 1416507 A1 20040506
DS R: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO
SE SI SK TR
AI EP 2003-356168 A 20031029
PRAI FR 2002-13598 A 20021030 (EDPR 20040506)
OSDW 2004-378594

L4 ANSWER 9 OF 10 JAPIO (C) 2004 JPO on STN

AN 2004-152772 JAPIO
TI CIRCUIT BREAKER EQUIPPED WITH CONTROL ASSEMBLY AND BREAK CHAMBER, ITS
ASSEMBLY METHOD AND ITS ASSEMBLY AUXILIARY MEMBER
IN **LEDRU ROGER; GRIESHABER WOLFGANG**
PA ALSTOM
PI JP 2004152772 A 20040527 Heisei
AI JP 2003-371201 (JP2003371201 Heisei) 20031030
PRAI FR 2002-200213598 20021030
SO PATENT ABSTRACTS OF JAPAN (CD-ROM), Unexamined Applications, Vol. 2004
IC ICM H01H033-42

L4 ANSWER 10 OF 10 PATDPA COPYRIGHT 2004 DPMA/FIZ KA on STN

AN EP1416507 PATDPA ED 20040506 EW 200419
SN EP03356168.9 DED 20040506 DEW 200419
UPS 20040930 weitere UP-Felder: HELP UPD
TI (A1) Leistungsschalter mit Antriebseinrichtung und Schaltkammer,
Montageverfahren und Hilfseinrichtung zur Montage
IN **Ledru, Roger (*FR 38230 Tignieu)**
Grieshaber, Wolfgang (*FR 69006 Lyon)
PA Areva T&D SA (*FR 92309 Levallois-Perret Cedex)
PAO Alstom (*FR 75116 Paris)
PAN 10493476 FR
PAT (CORP) Juristische Person
AG derzeit kein Vertreter bestellt
SO EP-Patentblatt - 20040506
DT Patent
LA Franzoesisch
PIT EP A1 EP-Publ. der EP-Patentanm. mit Recherchenbericht
PI EP 1416507 A1 20040506 AOR (87) 1.Publ./ EP-Schrift
DS R: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE
SI SK TR AL LT LV MK
AI EP 2003-356168 A 20031029 ADR (86) EP-Anm. mit DE-Ben.
PRAI FR 2002-13598 A 20021030 CP (32) Unionsprioritaet
FI
FIA EP 2003-356168 A 20031029 ADR (86) EP1416507

FIP EP 1416507 A1 20040506 AOR LFR (87) EP-Publik. mit DE-Ben. :
R: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC
NL PT RO SE SI SK TR AL LT LV MK

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ICM H01H033-42 (511) IPC-Hauptklasse
ICS F16D001-12 (512) IPC-Nebenklasse

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